

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

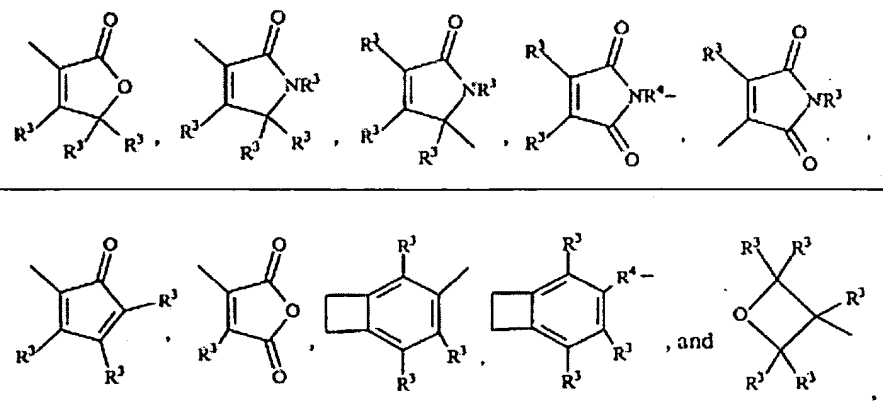
1. (Currently Amended): An arylamine compound of the formula:



wherein,

Ar independently each occurrence is a group comprising one or more divalent aromatic groups, and optionally two Ar groups separated by a single NX group may be joined together by a second covalent bond or by a bridging group, thereby forming a fused multiple ring system;

X is an inert substituent or a cross-linkable group selected from the group consisting of -
 $(R^4)_p-CR^3=CR^3_2$, $-(R^4)_p-C\equiv CR^3$, $-(R^4)_p-O(R^4)_p-CR^3=CR^3_2$, $-(R^4)_p-O(R^4)_p-C\equiv CR^3$, $-(R^4)_p-$
 $CO(R^4)_p-CR^3=CR^3_2$, $-(R^4)_p-CO(R^4)_p-C\equiv CR^3$, $-(R^4)_p-OC(R^4)_p-CR^3=CR^3_2$, $-(R^4)_p-OC(R^4)_p-C\equiv CR^3$, $-$
 $(R^4)_p-OCO(R^4)_p-CR^3=CR^3_2$, $-(R^4)_p-OCO(R^4)_p-C\equiv CR^3$, $-(R^4)_p-O(CO)O(R^4)_p-CR^3=CR^3_2$, $-(R^4)_p-$
 $O(CO)O(R^4)_p-C\equiv CR^3$, NR^3_2 ,

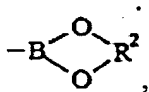


wherein

AMENDMENT UNDER 37 C.F.R. § 1.111
Application No. 10/579,341 (Attorney Docket No. Q92644)

R^3 is hydrogen, halogen, C_{1-20} hydrocarbyl, C_{1-20} halohydrocarbyl, or C_{1-20} halocarbyl; R^4 is C_{1-20} hydrocarbylene, C_{1-20} halohydrocarbylene, or C_{1-20} halocarbylene; and p is 0 or 1, with the *proviso* that in at least one occurrence in said compound, X is ~~a~~ the crosslinkable group;

Z independently each occurrence is halo, cyano, triflate azide, $-B(OR^1)_2$, or



wherein R^1 , independently in each occurrence, is hydrogen or a C_{1-10} alkyl group, and R^2 , independently each occurrence, is a C_{2-10} alkylene group,

n is 1 or 2; and

n' is 0, 1 or 2.

2. (Canceled).

3. (Canceled).

4. (Original): A compound according to claim 1 wherein X in at least one occurrence is 1-benzo-3,4-cyclobutane or 4-phenyl-1-(benzo-3,4-cyclobutane).

5. (Canceled).

6. (Original): A compound according to claim 1 wherein Ar each occurrence is phenylene, 9,9-di(C_{1-20} alkyl)fluorenyl, or a combination thereof; X is 3,4-benzocyclobutan-1-yl, ethenyl or p-ethenylphenyl; Z is bromine or hydrogen; n is 1 or 2; and n' is 0 or 1.

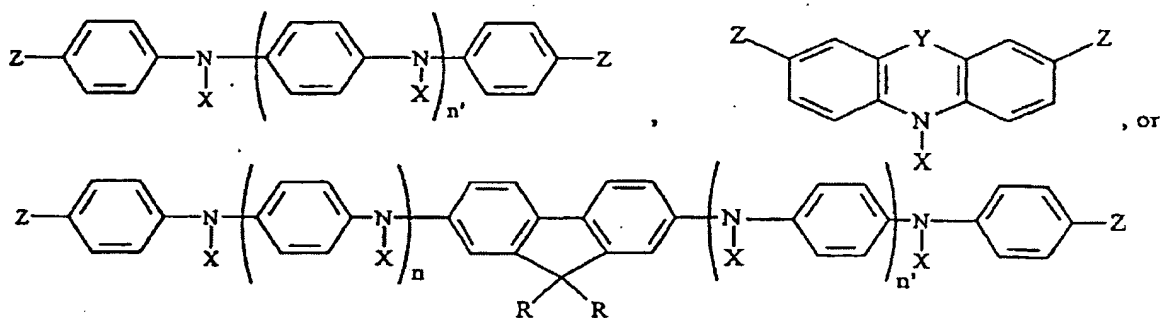
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7. (Original): A compound according to claim 6 wherein Ar each occurrence is phenylene; each X group is 3,4-benzocyclobutan-1-yl; Z each occurrence is bromine; n is 1 or 2; and n' is 0.

8. (Original): A compound according to claim 7 wherein n is 1.

9. (Original): A compound according to claim 1 having the formula:



wherein Y is a covalent bond, O, S or NR; where

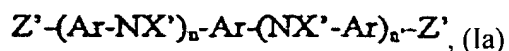
R independently each occurrence is i) hydrogen; ii) halogen; iii) a C_{1-20} hydrocarbyl group; iv) a hydrocarbyl group substituted with one or more heteroatom containing groups containing up to 20 atoms not counting hydrogen and wherein the heteroatom is selected from S, N, O, P, B or Si; v) a halogenated derivative of iii) or iv); or vi) a substituted derivative of iii) or iv) wherein the substituent is a crosslinkable X group; and

n, n', X, and Z are as previously defined in claim 1.

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10. (Withdrawn): An oligomer or polymer having one or more repeating groups of the formula:



where X' is X or a divalent crosslinked remnant formed by addition polymerization of a crosslinkable X group;

Z' is Z, a covalent bond, or a terminal group formed by replacement or reaction of a leaving group;

Ar independently each occurrence is a divalent aromatic group, and optionally two Ar groups separated by a single NX group may be joined together by a second covalent bond or by a bridging group, thereby forming a fused multiple ring system;

X is an inert substituent, with the proviso that in at least one occurrence in said compound, X is a crosslinkable group;

Z independently each occurrence is hydrogen or a leaving group,

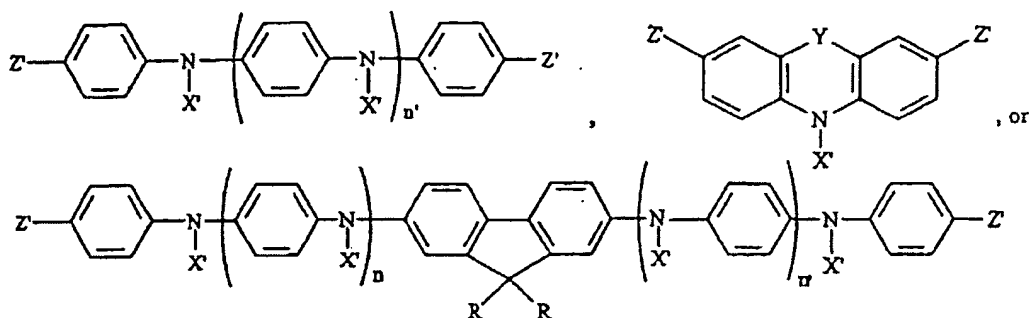
n is 1 or 2; and

n' is 0, 1 or 2.

11. (Withdrawn): An oligomer or polymer according to claim 10 having one or more repeating groups Ia) of the formula:

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where X' is X or a divalent crosslinked remnant formed by addition polymerization of a crosslinkable X group;

X is an inert substituent or a group capable of forming crosslinking functionality;

Y is O, S or NR';

R independently each occurrence is i) hydrogen; ii) halogen; iii) a C₁₋₂₀ hydrocarbyl group; iv) a hydrocarbyl group substituted with one or more heteroatom containing groups containing up to 20 atoms not counting hydrogen and wherein the heteroatom is selected from S, N, O, P, B or Si; v) a halogenated derivative of iii) or iv); or vi) a substituted derivative of iii) or iv) wherein the substituent is a crosslinkable X group;

Z' is Z, a covalent bond or a terminal group formed by replacement or reaction of a leaving group;

n is 1 or 2; and

n' is 0, 1 or 2.

12. (Withdrawn): A crosslinked polymer according to claim 10 or 11 wherein X' in at least one occurrence is a divalent crosslinked remnant formed by addition polymerization of a crosslinkable X group.

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13. (Withdrawn): A crosslinked polymer according to claim 12, wherein X' comprises conjugated unsaturation.

14. (Withdrawn): A process for preparing oligomers or polymers according to claim 10, which comprises heating a composition comprising a compound according to claim 1 under reaction conditions sufficient to form an oligomer or polymer.

15. (Withdrawn): A film comprising one or more of the oligomers or polymers according to claim 10 or preparable according to claim 14.

16. (Withdrawn): An electronic device comprising one or more layers of polymer films, at least one of which comprises a film according to claim 15.